
	Recommended Program of Study for: Fire Science				
Career Cluster: Law, Public Safety, Corrections and Security			Career Pathway: Emergency and Fire Management Services		
9 th Grade	10 th Grade	11 th Grade	12 th Grade	Postsecondary	
English I	English II	English III	English IV	College of Southern Nevada Great Basin College Nevada State College Truckee Meadows Community College University of Nevada, Las Vegas University of Nevada, Reno Western Nevada College	
Algebra I	Geometry I	Algebra II	Senior Level Math Course		
Biology	Chemistry	Anatomy/Physiology	Elective ¹		
Health / Computer Literacy	World History	US History	US Government		
Physical Education	Physical Education	Foreign Language ² or Elective ¹	Foreign Language ² or Elective ¹		
Elective	Fire Science I	Fire Science II	Entry Level Firefighting ³	Career and Technical Student Organizations	
Work-Based Learning		Secondary	-- Articulation --	Postsecondary	
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers		Fire Science I Fire Science II Entry Level Firefighting	Up to 7 credits at College Southern Nevada (subject to change)		hosa: future health professionals
CTE Assessments ³		Available Industry Certifications		High Wage - High Skill - High Demand Careers ⁴	
End of Program Technical Assessment for Fire Science Workplace Readiness Skills Assessment (for Employability Skills Standards)		Certification Healthcare Provider CPR First Aid HIPAA ICS Entry Level Firefighting	Provider American Heart Association American Heart Association Nevada Health Human Services FEMA Nevada State Fire Marshalls	Emergency Planning Manager First Responder Fire Fighter Forest Fire Fighter Fire Protection Engineer Fire Inspector Infrastructure Analyst Specialist	Rescue Worker Program Specialist Dispatcher Training Officer Forensic Technician Bomb Technician Hazardous Material Responder

This Program of Study is based upon the requirements needed for an Advanced Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

¹ Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

² Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

³ CTE Assessments will be administered during the completion level CTE course.

⁴ For additional career and employment information visit <http://www.nvcis.intocareers.org/> and <http://www.NevadaYouth.org>

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